



Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Original) A laser beam altering optical device, comprising:
a mode controlling device for capturing a highly divergent, multi-mode laser beam received from a high-power broad area laser source, wherein the mode controlling device comprises an external optical reflector having a curved intensity profile promoting cavity for receiving the multi-mode laser beam, wherein the cavity comprises a focal length from the cavity surface, wherein the laser source is positioned at the focal distance from the cavity surface, and wherein a narrow, single-mode laser beam is produced by the mode controlling device; and
a frequency-altering device for receiving the single-mode laser beam, the frequency-altering device configured to produce a frequency-altered laser light.
2. (Cancelled)
3. (Cancelled)
4. (Original) The optical device of claim 1, wherein the optical device further comprises a plano-convex lens having an optical diffractive element on a plano side of the plano-convex lens, the plano-convex lens and the optical diffractive element receive the narrow, single-mode laser beam and produce an output that is received by the frequency-altering device.
5. (Original) The optical device of claim 4, wherein the optical diffractive element is a binary optical diffractive element.

6. (Cancelled)

7. (Cancelled)

8. (Original) A laser beam altering optical device, comprising:
a semiconductor laser having an active gain region with a beam emitting facet;
an external optical reflector having a Gaussian intensity profile promoting cavity facing
the facet of the semiconductor laser, the cavity having a focal length at a
preselected distance from the cavity surface, the semiconductor laser positioned
such that the facet is at the focal length distance from the cavity surface, wherein a
laser beam with a substantially Gaussian intensity is produced; and
a frequency-altering device for receiving the laser beam with the substantially Gaussian
intensity, the frequency-altering device produces a frequency-altered laser light.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Currently Amended) The optical device of claim 8, wherein the
semiconductor laser emits an infrared laserlight.